

<400> 7374

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<210> 7375

<211> 821

<212> DNA

<213> *Aspergillus nidulans*

<400> 7375

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 gctttgagaa gctgatctct tactggtttc ctggctgaaa ctgccgtgct gcagatccga 240
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<210> 7376
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 <213> *Aspergillus nidulans*

<400> 7376
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 tgtggtagtg gatggaggcg ttgatcagtc gagctagacc ggctgcacag gcgctgcaag 360
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<210> 7377
 <211> 1258
 <212> DNA

<213> Aspergillus nidulans

<400> 7377

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tccagtaata gtaacaggat cagagggagg cgggtaacga ggagcggcct ttgtaagcac 240
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agtagctgtc ttcaagtgcg ggacaagcat ggacaatatt aggatgatat gcgagggcgt 1200
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<210> 7378

<211> 162

<212> DNA

<213> Aspergillus nidulans

<400> 7378

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cgatctgcag ttgcccgccca ctaagcggca atgcaactcg gc 162

<210> 7379
<211> 792
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7379

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taacgtcatt caatattaat actccgttaa caccaccaat tctctctttc tgatcccgtc 180
tgatcgactg ctctgggtgt gtcttagttt agccttgttc aaaggttata tactatttct 240
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gccctcgccc tcgccctcac acccacatnc ggatcccccc gagtcctttc caggccagcg 720
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<210> 7380
<211> 545
<212> DNA
<213> Aspergillus nidulans
<400> 7380

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cgtaacgata cgcacaactt tgcgctcaac cggacctttg ctggtcgccg gatcgccaat 180
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 cgcattggtag ggaatccccg ccatcgggat cggctctccc gccgaagcac cgcgtttggt 300
 cagtgaata tccagcagtt gcgacgcgcg ttttgcgtcg tcataaaaca gttcataaaa 360
 atcaccatc cggtaaaaca gcaggatctc gggatgctgg gctttcagcc tgagatactg 420
 ctgcatcatg ggcgtatggg cgtcgaaatt ttctattgca ctcattgggt tatgtccggt 480
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<210> 7381
 <211> 491
 <212> DNA
 <213> *Aspergillus nidulans*

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 ggcgcggtga agtaaggaaa gaggtctggt ggaagatacg ggcattgaaa tttgcgagag 120
 gtctttgccg acgttcttgc gaagaaaccc aatcaagcta ggcggcatca ctgtcgggtc 180
 agggatgtta ttccgccgag gaaccgtctc gaggggcagc ggagtaaggg tttttggtcg 240
 cgctgggaat aatggagagt gttggctctg cgcagcaccg tgcccccgcc ttccgtagaa 300
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 gtatcctcgt cgctgtcgcc tttgatagtg agcaattgag aatcgggtggc gtcgaccgcg 420
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<210> 7382
 <211> 799
 <212> DNA
 <213> *Aspergillus nidulans*

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aaaagtaccc cttgtagata gattgttacg atacttgagg ggaatcacga ataccccaac 180
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 gttagggaga cgccccacgg tacgcacgct cgctcgccag gagctcacgt gggagcccga 300
 gcttttcgat ccgccgtccc cggcggttctg gaacggccgc ggcccctgct gagatgtgtc 360
 cgtccacagc tcccgcccggt tatctcaata tctggactgt caaatgcagc acagttctgc 420
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 atagccgtat gcggaagtga aggtggaagg tcagctcgac cgataagtgt ggggtaaaag 720
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<210> 7383
 <211> 802
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7383

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 gagacaagga aaccaatgta gaaacgcctt tcagggcgga catgggcctt gttctcgtgt 180
 aaataattct gggaactact actctatttg cgaccagtct caacgagatg aggccaagtt 240
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 caagggcgac gaccaggag ttggattgca ccccggtagt ctagaagcca agccgaacag 660

catgattagc tgcgaagtaa cgtctttttc tgtagctgct ctctggaatc caggacaagg 720
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 <211> 644
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7384

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 cttgttgcca gggatatagg aacgtatcga cgattaagct ccgagcacat gcttgtacta 480
 gatgctgtta gagaatcgtt tatgttcatt gttgtcggaa aaccaccga cgttgatggc 540
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 caagatgcgg agtcagccat atggtaacta aataattcag acaa 644

<210> 7385
 <211> 379
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7385

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 aaatatgtga cattgtaacc aagtctccat ggggccatga aactgagtt gttgtagtat 120
 tcattctatc tgtccgactc tctgggagct tcgcctcgat aatcgccata caccatgact 180
 tcgcaacaag ctgtaccgtg gcaactggggc tccgcgtcag cccgtacgac caaggcctcc 240
 tgcagcaggg taatgagcgg cacaagaac tcttgggcca cgcagtactt gtgtccacga 300

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 taagcgctgt cgagaaggc 379

<210> 7386
 <211> 1016
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7386

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 cgtttttggc ccagacagac acgatggcta tggcatgcc acaaaccgct agttaccgcg 840
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<210> 7387
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7387

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 cggctctgatg gttccagtta acgcctgagc ttgaatcttc actaggcagc ggtatagctt 240
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 ccagatgttg taggtcgaga aatatcgctg tctgggccat ggcgccacga gacgctatca 540
 aagtcgtcat gatccatggg gaaggagagc ttcaagactc tcgataagag tcaaatacag 600
 taagcgctac cgagaagcta cagaaaaggg caacgaagga gtgaatatga aagtcaatat 660
 tggtagcgag aagtattgat tcaaaagtag gaagcaggct caggctggtc ggtcggattt 720
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<210> 7388
 <211> 684
 <212> DNA
 <213> *Aspergillus nidulans*

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 cgtccattct cattatTTTT cttgtttgat ggttccatat acccgtaat cgtttgtatg 180
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 ccatcaagga gcgtgacagc gagggataca ctctacctaa taatagtgac accgtgaatc 600

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cacctggact gcttactcaa ggaa 684

<210> 7389
<211> 841
<212> DNA
<213> Aspergillus nidulans

<400> 7389

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caggaagagc gcaaaccact cgcgaaaatc gacggtgcta cgatcgatgt cgatgcaata 180
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ctccgtatcc gccgcccact tcgtaaaatt tcccgattcg atccgaaccc atccggcatg 600
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<210> 7390
<211> 998
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7390

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 gtcgagccgt tgtcacctgg gttagctctg gtaatgattg atggatttat ggcccttgat 180
 gagttttgag acggccggtt ggagataatg tattgcagct aatatactcg atctacgttt 240
 gtatagttgt agccgtaagc gaggctccca gagtaaacga cgtcatgatg aatccaaaac 300
 tttgaccac gactaaaggc actctgctat ctaaagtccc cagcaatgga gtttcagcca 360
 gcattcgctt gagtctgcgg ttctctgtat tgttcagctt gtgcatcagc aaaagcaaca 420
 ggccccagta atttcactac ttctgctgtt catgttgggc tctatactgt gattgcgggc 480
 ccacttcaac ttatctggac ctagctccaa aaccacacag tctcaccagc ttccagctca 540
 aaaaaatcca gtttcgatca acatcatcat aatggctgag caacgggtta acgttcacat 600
 accatcccg cccgcggttc tcgacagcgt tcgcctccgc aatatccaac tccctcttcc 660
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 gctctcctac tccctccgcg tggcagccgc aaatgccgat gatgtctctc tctctctcga 780
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<210> 7391
 <211> 837
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7391

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7393
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7393

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<210> 7394
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7394

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<210> 7395
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<400> 7395

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<212> DNA
<213> *Aspergillus nidulans*
<400> 7396

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<210> 7397
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7397

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<210> 7398
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7398

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<400> 7399

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<210> 7400
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 <213> *Aspergillus nidulans*

<400> 7400

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<212> DNA
<213> Aspergillus nidulans

<400> 7402

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<212> DNA
<213> Aspergillus nidulans

<400> 7403

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 <213> Aspergillus nidulans

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<400> 7405

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<400> 7407

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<400> 7408

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 taagtgatgg tctgcgtgac gcgtaagtag gtctttgtgc aacatgactc aagctgacgc 720
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<210> 7409
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7409
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 ctccagcaaa atcattcgtc caaaaccatc caaaatcatc cagaaccatt gcttctttcg 240
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 catcattata ggctcacca gctacatggc actagtcaat cgtcttcgat accgtcgcaa 600
 ggccaaaata gaggcgccgt tcgtgcacgc gcatggcggt gtagggagac tactctccag 660

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<210> 7410
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7410

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 agcttcaacc ttgatgcctc tgctcggcac gttcccacaa gggctacctg acatcacctt 180
 tttacctata ctgtcccatc gggcgagag gatctctgat tatgttctta atcgagaaac 240
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 aatatgcaga ccaaattgta tactttgtaa gcgcatgcga atgttgagag gcacgtgacg 480
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<210> 7411
 <211> 892
 <212> DNA
 <213> Aspergillus nidulans

<400> 7411

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<210> 7412
<211> 479
<212> DNA
<213> Aspergillus nidulans

<400> 7412
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<210> 7413
<211> 1356
<212> DNA
<213> Aspergillus nidulans

<400> 7413

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 aaataagaaa aaatagaaaa aaagaagaga tagaggaaat agaaaataat aagtaaataa 240
 aaaaatgtag ataagaaaca tgaggaaata aataaagaaa aataaattga gaaaaaatgg 300
 aaataaaaga cagaaaaaga agagaaaaac aaaatagaat aatgaatgaa accaaaaaag 360
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<210> 7414
 <211> 485
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7414

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<210> 7415
 <211> 946
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7415

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 gttgcggttt gttagtatgt gtaaggggtgc ttgtgatttt accttgtgcc tagtagagcc 180
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<210> 7416
<211> 500
<212> DNA
<213> Aspergillus nidulans

<400> 7416

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<210> 7417
<211> 878
<212> DNA
<213> Aspergillus nidulans

<400> 7417

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<210> 7418
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 <212> DNA
 <213> *Aspergillus nidulans*

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 aaaggagcgt gtctcggttc ttttgagat aaactcgatt ctgctgcagg aggccatcaa 720
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<210> 7419
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7419

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<210> 7420

<211> 729

<212> DNA

<213> Aspergillus nidulans

<400> 7420

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<210> 7421
<211> 1312
<212> DNA
<213> *Aspergillus nidulans*

<400> 7421

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<210> 7422
<211> 242
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7422

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<210> 7423
<211> 491
<212> DNA
<213> Aspergillus nidulans

<400> 7423

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<210> 7424
<211> 586
<212> DNA
<213> Aspergillus nidulans

<400> 7424

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<210> 7425

<211> 888

<212> DNA

<213> *Aspergillus nidulans*

<400> 7425

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<210> 7426
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7426

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<210> 7427
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7427

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 <212> DNA
 <213> Aspergillus nidulans
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<210> 7429
<211> 503
<212> DNA
<213> Aspergillus nidulans

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<212> DNA
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<210> 7431
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<210> 7432
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7432

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<210> 7433
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7433

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<210> 7434
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7434

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

<400> 7436

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<210> 7437

<211> 1342

<212> DNA

<213> Aspergillus nidulans

<400> 7437

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<210> 7439
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<400> 7439

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7440

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<210> 7441
 <211> 898
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7441

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7442

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<210> 7443
<211> 560
<212> DNA
<213> Aspergillus nidulans

<400> 7443

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<212> DNA
<213> Aspergillus nidulans

<400> 7444

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 <211> 675
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7447
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7447

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<210> 7448

<211> 506

<212> DNA

<213> *Aspergillus nidulans*

<400> 7448

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<210> 7449

<211> 109

<212> DNA

<213> *Aspergillus nidulans*

<400> 7449

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<210> 7450
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7451
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7451
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<210> 7452
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7452

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 <211> 684
 <212> DNA
 <213> Aspergillus nidulans

<400> 7453

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<210> 7455

<211> 790

<212> DNA

<213> *Aspergillus nidulans*

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790

<210> 7456
<211> 760
<212> DNA
<213> Aspergillus nidulans

<400> 7456

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<210> 7457
<211> 804
<212> DNA
<213> Aspergillus nidulans

<400> 7457

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7459
 <211> 893
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7459

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<210> 7460

<211> 471

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7460

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7461

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 <213> Aspergillus nidulans

<400> 7462

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7463

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 <213> Aspergillus nidulans

<400> 7464

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<212> DNA
<213> Aspergillus nidulans

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<210> 7466
<211> 1091
<212> DNA
<213> Aspergillus nidulans

<400> 7466
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<210> 7467
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7467

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<210> 7468
 <211> 958
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7468

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 <211> 851
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <211> 1017
 <212> DNA
 <213> Aspergillus nidulans

<400> 7470

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 <212> DNA
 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 7473
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 <212> DNA
 <213> Aspergillus nidulans

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<211> 513
<212> DNA
<213> Aspergillus nidulans
<400> 7474

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<213> Aspergillus nidulans
<400> 7475

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<210> 7476
 <211> 227
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 <213> Aspergillus nidulans

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<210> 7477
 <211> 1365
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7477

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 <211> 635
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7478

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<210> 7479
 <211> 577
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7480
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7481
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 <213> *Aspergillus nidulans*

<400> 7481
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<210> 7482
<211> 964
<212> DNA
<213> Aspergillus nidulans

<400> 7482

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<210> 7483
<211> 423
<212> DNA
<213> Aspergillus nidulans

<400> 7483

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act 423

<210> 7484
<211> 1176
<212> DNA
<213> Aspergillus nidulans

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<210> 7485
<211> 112
<212> DNA
<213> Aspergillus nidulans

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<210> 7486
<211> 145
<212> DNA
<213> Aspergillus nidulans

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aataagcgaa gcgtataggt gaggg 145

<210> 7487
<211> 471
<212> DNA
<213> Aspergillus nidulans

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<210> 7488
<211> 646
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7488

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<210> 7489
<211> 224
<212> DNA
<213> Aspergillus nidulans

<400> 7489

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<210> 7490

<211> 857
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7490

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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7492
 <211> 759
 <212> DNA
 <213> Aspergillus nidulans

<400> 7492

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<210> 7493
 <211> 937
 <212> DNA
 <213> Aspergillus nidulans

<400> 7493

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<210> 7494
<211> 474
<212> DNA
<213> Aspergillus nidulans

<400> 7494
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<210> 7495
<211> 346
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7495

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cccacagcac ggacaagacc ggaaaccgaa ccgggcacag annaanngca aggcaagccg 180
ggccgccggc agggnagcac gggcganacg acagcgcgaa ccgcagaaca ccagcacgag 240
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<210> 7496

<211> 615

<212> DNA

<213> Aspergillus nidulans

<400> 7496

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<210> 7497

<211> 738

<212> DNA

<213> Aspergillus nidulans

<400> 7497

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 actattatga tggcgaggac caacaactga actacgatga ttctgagcaa ccagaaattg 660
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<210> 7498
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7498

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 tctggagtct cgctgtacgg tcgtggtgag actcaaata ttgtacgggc aggttcagag 180
 cttgccaaact gcgttgagga tcgtccagt cgaacatcgg tcggggcggt cggttgtgc 240
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 cggttcttcc gtaagccggg gagctggatc cctcagatat ggctgggtgt gcacggtgaa 360
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tcctttccca tcggctgggc cggcttccac agaacggggg gtctcatggc ctaagatgct 720
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<210> 7499
<211> 225
<212> DNA
<213> Aspergillus nidulans

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tcatggctgt ggcggcacga ccgtcataac gcggcttctc accttcgcc atttgctctt 180
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<210> 7500
<211> 561
<212> DNA
<213> Aspergillus nidulans

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tgttgccgtt gcagaggaac tcaactcggc gattctaggt atgcctgctt ctttcctctt 180
cggattatac atagctgacg tcgacagtgt cactgggcaa gtcctcagca gcggccctag 240
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gatatatcat tattctcaac ctctttcatc tagctcgaac tcctctctcg tatgcttgtc 480
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<210> 7501
 <211> 450
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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agtgcgagtt gctaacgatc aaaacgagct ataacgacag ggaaggcagg aacaatgctt 180
gggttgggta gaccgaaaca acgcgccaca gttggggcaa cagatggctt acgnatatgg 240
cgaccactac acacaaacgg ccgaccatac agagtttctg gcagaggggt caacggaggt 300
gcattagggc acaggcatgt tcgcgttaaa cgcggtttgt gaccagtagc cggcctgatt 360
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ggagaatgga gtggagnntt agcttatttt 450
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<210> 7502
 <211> 548
 <212> DNA
 <213> Aspergillus nidulans

<400> 7502

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cttacccttc agagcgggtg gcggtctgaa ggcagtcgag agaaggacgt tgcgcaaaag 180
cagaccaaac gaataggaga agatttctat aagccggctt ccagagtatg aggcaggggc 240
aaggttggga gaaaaagcca gaaaagtatc gaggataaag actgacgcga ccaggccgtg 300
gcgttggatc acttgggatg atgatgagt actggggatt aatgatgtgg gggcaatcct 360
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ctttgactct tctaagccat tttatatgcg aactctctta aataacacct gctctctacc 480
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aacaaggg 548
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<210> 7503

<211> 1038
 <212> DNA
 <213> Aspergillus nidulans

<400> 7503

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ttgaccgcaa gcatctgagg ggcctcattg accgcaaaca ctctgagacg ttggcgctgt  180
atcagggcca gtcccgggtc atgctggagg atctaggcgc gtatctctct gagcgcaata  240
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gtacagacaa cccctgaac aaaccgtctc acaagccttg ctaataatga taatagcgaa  360
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<210> 7504
 <211> 713
 <212> DNA
 <213> Aspergillus nidulans

<400> 7504

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 tccactctcc cccgcttatg atggagaatc cgggggtgtg agctgcgtgg gtgataacta 300
 ccagttccga gacgccctag tgctgtccgg aaacgcagca tgccaatcgg aagagttctc 360
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 gtctaggagg cctattttatt tgaaactggg ggactgctgc aagccttttt tgcagaaggg 660
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<210> 7505
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7505
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 gggtgacacg gcacatagta tgggcttggg agttctctc gacgtggtgc acagccacgc 180
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<211> 875
<212> DNA
<213> Aspergillus nidulans
<400> 7506

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ggtttaagat ttggcgcgac atggccaccg gtgctgcagt ttcctatgtg gtcagcagca 180
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<211> 1193
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7507

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<211> 652
<212> DNA
<213> *Aspergillus nidulans*

<400> 7508
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<210> 7509
 <211> 636
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7510
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7510

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<210> 7511

<211> 1084

<212> DNA

<213> *Aspergillus nidulans*

<400> 7511

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ttaaacggca ttataattga atctgtgcgc ttacatttac gaatcatggc aacaggactt 480
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<210> 7512
<211> 1116
<212> DNA
<213> Aspergillus nidulans

<400> 7512

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<210> 7513
<211> 568
<212> DNA
<213> Aspergillus nidulans

<400> 7513

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<210> 7514
<211> 183
<212> DNA
<213> Aspergillus nidulans

<400> 7514

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<210> 7515
 <211> 786
 <212> DNA
 <213> Aspergillus nidulans

<400> 7515

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<210> 7516
 <211> 1012
 <212> DNA
 <213> Aspergillus nidulans

<400> 7516

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<210> 7517
<211> 752
<212> DNA
<213> *Aspergillus nidulans*

<400> 7517

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<210> 7518
<211> 789
<212> DNA
<213> Aspergillus nidulans

<400> 7518

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tggtgtcgag ctgtcctgtg ttgaggtacg cctcgacggc gcctccctcc caaaccacca 180
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<210> 7519
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 7519

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<210> 7520
<211> 786
<212> DNA
<213> Aspergillus nidulans

<400> 7520

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acaagccaag taggaactcg catgtttgtc tgctcctggc aagtcgggca ctgtatgctc 180
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actgta 786

<210> 7521
<211> 215

<212> DNA
<213> Aspergillus nidulans

<400> 7521

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cctcgtgaag ctggtgacgt agtgcctcgt ggtgggagat tgctagtagt atgtcgttga 180
acttgaattg caacgtggcg agtctgtcca gcttc 215

<210> 7522
<211> 489
<212> DNA
<213> Aspergillus nidulans

<400> 7522

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<210> 7523
<211> 651
<212> DNA
<213> Aspergillus nidulans

<400> 7523

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<210> 7524
 <211> 351
 <212> DNA
 <213> *Aspergillus nidulans*

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 aacaaacca cctacatgg caggaccggt tcggcaaata cctacaggtc tagaacaacc 180
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<210> 7525
 <211> 966
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7526
<211> 338
<212> DNA
<213> Aspergillus nidulans

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atatggtgat gtgggtgttg tgtttgtggg aagaagtg 338

<210> 7527
<211> 1164
<212> DNA
<213> Aspergillus nidulans

<400> 7527
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<210> 7528
 <211> 899
 <212> DNA
 <213> Aspergillus nidulans

<400> 7528
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 tggaaaacat gcgatgacac cacgcaatag caaatgtccc atcgctagct acagtgaaag 240
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<210> 7529

<211> 792

<212> DNA

<213> Aspergillus nidulans

<400> 7529

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tgtgcactac cgagggtggt cgccgggcac cgattctctt tcgagaaagt cctcaaaaca 180
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792

<210> 7530
<211> 817
<212> DNA
<213> Aspergillus nidulans

<400> 7530

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cagcacaact ccgaagatcg aggatatctt ccttcccata gcggagcacg tccgcgacta 180
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gcactacaaa gaattggcaa tgcacgagct ttatcaaata ttctccctaa gctttggaaa 720
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<210> 7531
<211> 240
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7531

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cgtgagcag cgngggtgtg cgagagtggt ggagagtgac gcgtgccgag cgagagagcg 180

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<210> 7532
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7532

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 ctataacacc cccgccggcg cgttctgagc gtcccagcgt cagtaccacc tcggtcattt 420
 ccccgacca gcactcagat caagacatta acaaggcaa cgcttcccaa attataccct 480
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 gagtgaagg tgtgcatggg tcatggaaga aggactccga gaatagggtg cgaattgagg 720
 tgagtgtcac cttgttctcg tcctcaatgg aggcgggcta agtgtggatg ggggcagtaa 780
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 tagggttgtg attcacaccg cgaatatgct tgccggcgac tggggggata tgtgtcaggc 1020
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<210> 7533
 <211> 1005
 <212> DNA
 <213> Aspergillus nidulans

<400> 7533

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tcgacgggtc tggctcatcg agtcatgctt taaagtgctt ccttccgagg tattcgtcta 180
ggacaaaagg gcggcaacga ggaagaaatc gccccggttt atttagggag gcaagcacat 240
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ttagtgaaga gccacaagtg ataagatgcc atgactacga caattttgca caccagttcg 360
tggaaaaaga cgtcgggtca tcaagaaaag attcatactt gctaccattg gcgcagggga 420
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gcagagagcc gatctgtacc atattggggc atagggtcc gagcagtctc acagcaaadc 540
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<210> 7534

<211> 786

<212> DNA

<213> *Aspergillus nidulans*

<400> 7534

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tggctgtgat gcctacgggc ttggacacc taggtgttac cttgggctgc acaagacccc 180
atacgcttaa tatcatgcgg tgagaatata taattgcgtg aaaccacata agaattattt 240
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atccaaaacg cgtatgcaca tagtacaaaa aaaaaaacag aaacaagatc aaaacacgct 360
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 tccgcgttcg actcggaggg ctttccaacc gtttagctca cgctccaacc tcaacgactt 660
 ttcgcgtctt tcacgcagct ctgcgtctgc gcgacgcgt tgaagttgcg aatccgactc 720
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<210> 7535
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7535
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 tcttctagga agtggaacaa ggattatcca tgacatatga acagacttgg cccccgccat 180
 tcccacaata atgcaaaact cttctaagaa agttttgaga atgaaggatt ttgctaacca 240
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 tggacacatg gaattgcaat aagatgacag ggagaccacc ccttcgccta aaaatatcca 360
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 aaatatgata caaatagata ttctgtaa at ccgagtgcgt ccttggcttt tgcttagctc 480
 tcttttctgc ccaactttca tgettcagta catcaggcac ttcactatgt tacagtcctt 540
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<210> 7536
 <211> 696
 <212> DNA
 <213> Aspergillus nidulans

<400> 7536

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<210> 7537

<211> 512

<212> DNA

<213> *Aspergillus nidulans*

<400> 7537

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ggacgagcga ctggacaaca gccccgcaag atctgctgta tgtacgacgg ctgcgggcgt 360
cgggccgtcg gtagcgctg cctgatcctt gtcgtccctc caaggttgaa taatcgaaat 420
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<210> 7538

<211> 1050
 <212> DNA
 <213> Aspergillus nidulans

<400> 7538

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cgtcgatgag aaccgggaaa gcatagcaac gtcaaaggca cccacactta tcgataacct 300
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<210> 7539
 <211> 1555
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7539

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taaggaagat ttatactttg accgaatgat aagctaacaa ccatgaagtt cagtttaagg 180
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7540

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gttgaagagg gttcacagaa caccgccg 627

<210> 7541

<211> 719

<212> DNA

<213> Aspergillus nidulans

<400> 7541

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<210> 7542
<211> 1013
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7542

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<210> 7543
<211> 616
<212> DNA
<213> Aspergillus nidulans
<400> 7543

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<210> 7544
<211> 802
<212> DNA
<213> *Aspergillus nidulans*

<400> 7544

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cccaatcgga gccactggct gtaacagctt gactaagacg aaggcaactt tctagcagag 720

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<210> 7545
<211> 1525
<212> DNA
<213> Aspergillus nidulans

<400> 7545

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<210> 7546
 <211> 727
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7546

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<210> 7547
 <211> 217
 <212> DNA
 <213> Aspergillus nidulans

<400> 7547

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 cactggatgc catggttacg ttgccttcca ggcacgtgga ggcctggccc ggtattgccc 180
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<210> 7548
 <211> 1034
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7548

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<210> 7549

<211> 208
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7549

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<210> 7550
 <211> 954
 <212> DNA
 <213> Aspergillus nidulans

<400> 7550

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<210> 7551
 <211> 119
 <212> DNA
 <213> Aspergillus nidulans

<400> 7551

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<210> 7552
 <211> 773
 <212> DNA
 <213> Aspergillus nidulans

<400> 7552

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 ctccagacaa tgctgctatt tacctgtgtt gcgatatatt tcctttcctc ttgcgaaacc 300
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<210> 7553
 <211> 391
 <212> DNA
 <213> Aspergillus nidulans

<400> 7553

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 <211> 695
 <212> DNA
 <213> *Aspergillus nidulans*

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 ccggttccat ctcttacac acctagttga tgaggcaggc gaaatctata ttgccatgaa 420
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<210> 7555
 <211> 440
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7555

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 cgcgctctcac tgaagaagga tagcacacct agaacaagag atttagggcc agaaaagaaa 360
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<210> 7556
 <211> 136
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7556

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<210> 7557
 <211> 1236
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7557

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<210> 7558
 <211> 777
 <212> DNA
 <213> Aspergillus nidulans

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aacgaacccg cgtctgatga gccaggtgcg cgagcatact ttgagcccct cacgcggctc 720
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<210> 7559
<211> 131
<212> DNA
<213> Aspergillus nidulans

<400> 7559
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gcagacggag a 131

<210> 7560
<211> 714
<212> DNA
<213> Aspergillus nidulans

<400> 7560
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ctattggcgg tagccagatg tctcttgcaa tgtatgggca gcaggcggt ggtctacact 660
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<210> 7561
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7561

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<210> 7562
 <211> 829
 <212> DNA
 <213> Aspergillus nidulans

<400> 7562

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acgcctactt cctgggattg tcatgtaata caactaattt ctgttttagt ctcgtatgcg  180
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gaagattgaa caatggcagt cggaccagct cgccgcggag tccacgacca accttggaag  420
aaccagtctc ggcattgatg cgaccacaat tcagcgtaac gcgcaacaac acgaggaact  480
  
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gcccttgccy cgcgatgtcg cgcgtgaact tgatgccaaa gagagccaaa tcagtcccgg 780
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<210> 7563
<211> 105
<212> DNA
<213> Aspergillus nidulans

<400> 7563
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<210> 7564
<211> 544
<212> DNA
<213> Aspergillus nidulans

<400> 7564
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<210> 7565
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 7565

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<210> 7566
 <211> 125
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7566

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<210> 7567
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<400> 7567

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 cggagccttg catcacccta acctggcggtg aacttcgatt tgcaacgata acaccgagaa 240
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 cctgcaatac gtccctccatc acgaccgttt tggcatactg gccatctgca tgtcacgaga 420
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<210> 7568
 <211> 1061
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7568

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<210> 7569
 <211> 790
 <212> DNA
 <213> Aspergillus nidulans

<400> 7569
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 acctcagcac agattgtagc aatctgatct tcctgaataa cacggttggt gtcgataaca 180
 tcggtgagag ctccaccttc cataaactcc atgaccaccc agagttcatt gctctgctcc 240
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 tctttgacct gagcaacata cacagatcca gaagctccct gtccgatctt tcgctgcttg 480
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tggaagcat 790

<210> 7570
<211> 706
<212> DNA
<213> *Aspergillus nidulans*

<400> 7570
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gattcccagt ccgcatttct cggaggtagg gcaaacatac attgatatgc tgaaccaccc 180
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cgacgccgac gatggcactg tgcggacgga tcaatgccgt ctgtccgact tattagcatc 480
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caaggcctac acttcccagt ccagaaacga caagcacgct gttctcgtcg ggctttgcc 600
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<210> 7571
<211> 99
<212> DNA
<213> *Aspergillus nidulans*

<400> 7571
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atgagcatgg aaagcaatcg tgggtatcca catcagagc 99

<210> 7572
 <211> 244
 <212> DNA
 <213> Aspergillus nidulans

<400> 7572

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 aaggggtctt cattaggccc tgagcgagcg agccctggtc tatcccaagc catgtcgtcg 180
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 caga 244

<210> 7573
 <211> 115
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7573

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<210> 7574
 <211> 560
 <212> DNA
 <213> Aspergillus nidulans

<400> 7574

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 tgttagaagg ctggctgaaa acagaagagt tgtgatgtca gtgataataa taaagataca 180
 ttttactata acccctgtca ttcgttcttt ttaagcctag tatcagggtga ataacaagta 240
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 attgggctgt aatgtgacag atttacgagt cctcagcttg cgaatgttgt gtaacctgta 420
 aaaccacact ttgcacaagg atgctacatc cgccttcacg cttggagttg ctggataagc 480

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cctgcaggaa tagagaccga 560

<210> 7575
<211> 528
<212> DNA
<213> Aspergillus nidulans

<400> 7575

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tcttatcaat cttggcgcga acgtgttatt cataaagaag ccatcaaaag acagcaccgc 180
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aagaaataag caactatgct ttgagaaaac tctatgctca cgcaaggaat acgaggattc 360
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ggacaggcta cgttttgttc gctccactct gtcggttttc ggaattgata cttgccgagc 480
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<210> 7576
<211> 1427
<212> DNA
<213> Aspergillus nidulans

<400> 7576

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cacagtattc ttcattgatg atattgattt ccatccatct aagaaaggcc tattccagtt 180
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ggttcatatt tgctgcgtgc agtaaccggg aggagctcca gacggcaata tagaggctgt 540
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 gtcgcactgt tgctttgtta gatccgtcac ggaagtggcg gagagcggag ttattagggt 660
 tagataggct tgatgccgct accggtacaa agtataaagc tacataaacg tgggtcaggc 720
 tattgttccg tatcaggcct gtacaacgat cgttatctag acaacggaag gtataatggt 780
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 cttatctcgt tgtttctcgt gacctcttct ctctatgggc tcccctcgcc ccatttcgtc 1380
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<210> 7577
 <211> 531
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7577

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 aagaggcgtc tcgacaagca gacgagctga ttaacttcga tgaagcccc gcgtctcccg 180
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agcctacaaa ggagcctgaa ccgagcgagg ctgctcccg t agaacaggcc acagaagaaa 480
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<210> 7578
<211> 599
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7578

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cccaaagcgc gggaacacaa accagacacg accagcaaaa gcagaaccac ggacgagagc 480
ggaacgccag ccaaccgcca aacacacgca cccagacag aggaacagac ggacaccgaa 540
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<210> 7579
<211> 1008
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7579

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<210> 7580
 <211> 779
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7580

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 gtattctcac ggtggttcct tgtaagccg gatgccaa gcacccaatt cagcctcgag 720

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<210> 7581
<211> 295
<212> DNA
<213> Aspergillus nidulans

<400> 7581

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<210> 7582
<211> 2151
<212> DNA
<213> Aspergillus nidulans

<400> 7582

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<210> 7583
 <211> 120
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7583

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<210> 7584
 <211> 1051
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7584

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<210> 7585
 <211> 913
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7585

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gagaaaggta agcccaactct gagtaacctt cataggcaga tctccgagtt ccacgagtat 660
ttctctctgt gcataatcgg tgttcgatcg agtttctttg gcgcctatcc tcatcatata 720
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<210> 7586

<211> 1006

<212> DNA

<213> Aspergillus nidulans

<400> 7586

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caacatgctt tcgggcaatc gtctcaaaag tcctatggat ctcccggaga tccacggcct 180
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gcacaaagtt gctgactgga ttattgaggt acccaagctc agacatgtaa gacgccatgt 360

tgatatcgac gcctttcaag gcgaacgaca acgaggggtc atcggcacac aagttcgggg 420
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 ggctggatgg gctcctaac gataagggtg aagtgccatg tccagcaact taatgcatga 840
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<210> 7587
 <211> 1032
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7587

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 agggtagcat cactaaaccg ggttacctgg actgtaattt gtggccggtc cgtctcgaga 180
 agctcctgca tgttttgcac gccgttgaac gccgtgcagc gcttttcgtc ctctggatct 240
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 tgatcaggag ctgactgttg gcgctcaaga tacttggcca tccccttggg cgtgaagaca 420
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<210> 7588
 <211> 223
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7588

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 ctcaagggga taccatagc cacatctgtc gaagaacata tngagtgtgt ttacacgctt 120
 ccgtgagaan acanggagc gtactctgag nagaaagtgg attgcttaat ggaatcgaat 180
 gcgagtgggc taaacgcgac aggcccgacg ctgccgcac cat 223

<210> 7589
 <211> 102
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7589

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 tcgtgaccag ttcaatttga cactccctct aaaaccgctg tt 102

<210> 7590
 <211> 1271
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7590

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cggcgccccg cctagacgga ttataccaac cggcctttcc tccccctctt tatattatat 180
 ttaacttatt acgctcattg caggcttctt cttgggacat ctaggttgca gtcgagtctt 240
 ttcgatgggg catcagttcg aatgggtcca acatgtatat ggtaattttc caagttgaag 300
 caatagtgcc aggtcagata ctgctggacg cgggaccatc gctgctatct tatccattga 360
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 aaggcaaaga t 1271

<210> 7591
 <211> 527
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7591

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 attgggaaag tgatctccac tgtgcggcag accagcccca aggtttatcg ctcatatttg 180

actctcactt ttgattttga tttttttttt ttataatata tttttactta tttgcctttg 240
 ctggaagtca acatgaaagg ctgaattatg gagctcgctg cttccgacag cggtcctttt 300
 ccatggttgg gacggtctgg agccgtgtcg cattggactt tggagagaag aggatcgggg 360
 ctgagcctaa gcctcctgtc tcaactcaggc aggccgctgc aacccttccg caaagggggt 420
 ccaatccatt cccagaggca gcctgggggt gtgaaattag attcggatat acttgtgggt 480
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<210> 7592
 <211> 617
 <212> DNA
 <213> Aspergillus nidulans

<400> 7592
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 ggaaagggtc tgattcaggt atggatctct tgatacagcg cacaagactc aagtacgcat 180
 tctgatcgta ttttcacctt cagggcgaag aaaacatcac ctctgcagcc ctctctaccg 240
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 ctaaaatcct gccgaagctt gtcaaccttc accgagcacc cgccacactc ggttcgagaa 540
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<210> 7593
 <211> 1026
 <212> DNA
 <213> Aspergillus nidulans

<400> 7593
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cccgcagaat ctgcttctg acgttttctt ttgcgtcgac cctaataatc tagcagcggt 180
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 acttaggact tcctagtgtg ttggtggagt tggcgaggaga tagagggaag tggaaaacac 960
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 cagagc 1026

<210> 7594
 <211> 989
 <212> DNA
 <213> Aspergillus nidulans

<400> 7594
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 tcttcggaca ctttccactg gcttgggtga tctactcca tgtagcagca ggcggctcat 180
 gcatcgtcat caaccacttc ctctccgtag ttctcttctt ccttggcttc attctctgac 240
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 ttgactttta tgttttcttc tgaggggctt ggtgcgggtg agttgatggg gtgctcgaac 420

gtgcggttca gctgaggcga ggtgtattgg gcctggagcc gatacgactg agatgaggat 480
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 ttccaaacca cccctcatcg ccgcgaccg 989

<210> 7595
 <211> 759
 <212> DNA
 <213> Aspergillus nidulans

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 agagggagag ttagagaaac tctgatatgt ttcagtagaa aacttgtgca ttaattctag 180
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 gccagtaaac tggatatttg agcacagggt gtcggctaag ggaggcaaga tcacgatttg 660
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<210> 7596
 <211> 550
 <212> DNA
 <213> Aspergillus nidulans

<400> 7596

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 gcacaaacca tccctagctc aaatcgtaaa tcgagctacc tttccgcgcc acgcaccagc 180
 gaccagcaa catttgccgc gcatatcgct ctcaacctgg ttccagaggt tcgcatcgaa 240
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 actaaatcgg cccgccagcg gtacgagaaa gaggaaggtg tgaaggtcag cgataccacc 480
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 gacggccccg 550

<210> 7597
 <211> 826
 <212> DNA
 <213> Aspergillus nidulans

<400> 7597

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 tttcgagacg agaaggcatg actcgcataa gccagcgttg atgatccgga gcaggatgct 180
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attgcagggg tatcaatccc ccgaggtcca tcttgcactc aaccatggat tgcaatggcc 720
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tcgtaaagca gtatgagtgg tgaattcggt cttagagtac cggata 826

<210> 7598
<211> 470
<212> DNA
<213> Aspergillus nidulans

<400> 7598
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aatagtccgg cagcatcatg aatgcccggc taaagtactc tgcaccgggt ggagtcgtcc 180
cgcagctctt ctctccaata aacgcctttc ccagggccat gatggccaaa aagtgtataa 240
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acataaagcg gtcctcatcg aagaggtgaa acatctggcc tgtacgaaat ttggtcgcat 360
tgatcaagaa tagagcatga tccagtgcgc gaagccacgg atattggcta cgatcgcgct 420
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<210> 7599
<211> 924
<212> DNA
<213> Aspergillus nidulans

<400> 7599
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 ccttatggct ccgcgttata tcccttagat gtctgattc ttgattattg cttttcacac 780
 cttcacgcc aatttctttc ctttctttc agctgtgcta ttgataagat aaacaagaat 840
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<210> 7600
 <211> 797
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7600

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 atccatcaga aatctggtag ctttgtctcc tccccaccag ccggaaagcc gagggcgaaa 180
 taattccagt tccccgtcgc cttgacctgc cttcacctct ccatgttttt catgcacgaa 240
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 gtccacgttc caatcgtgta atttcaagtc gacatttccc gctgcatggg cacagtccca 360
 accgaccacg atgccttttag actgggcgtg tgcagtgatc ttctcgatgt taaagtactg 420
 gcctgtgtag tactggatag cagagagaag aagtaaagcc gtagttgaag catgctcgtc 480
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 ctgaggagag tcaattagtc catgttcgac tgcacagtca agagacatac atggtcactg 660
 ggaaaagctt tcccttcgat gatgatctta tatctctcag tagttggtcg gtagaactag 720
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797

<210> 7601
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<212> DNA
<213> Aspergillus nidulans

<400> 7601

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tt 902

<210> 7602
<211> 901
<212> DNA
<213> Aspergillus nidulans

<400> 7602

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atggcggttt gctttaagga agaaggactc ggactctgtt agaaggatga ctg 593

<210> 7604
<211> 181
<212> DNA
<213> Aspergillus nidulans

<400> 7604

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caaccgtgcc attacccttg gaaaaacttg gtggtgcccc cggccccctc tgggttgcct 180
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<210> 7605
<211> 562
<212> DNA
<213> Aspergillus nidulans

<400> 7605

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gatgcactgc ccgctttcag gtctatccag gccgacgcga ggaccgcacc ctcaccagcg 180
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<210> 7606
<211> 513
<212> DNA
<213> Aspergillus nidulans

<400> 7606

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<210> 7607
 <211> 730
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7607
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 aggtcgcttg 730

<210> 7608
 <211> 151
 <212> DNA
 <213> Aspergillus nidulans

<400> 7608

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<210> 7609
 <211> 791
 <212> DNA
 <213> Aspergillus nidulans

<400> 7609

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<210> 7610
 <211> 555
 <212> DNA
 <213> Aspergillus nidulans

<400> 7610

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gccaatcata gccgttaaac tggtggatag cgttacgggc atcgtccggc gactcgaagg 480
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acggtcctt gctgg 555

<210> 7611

<211> 593

<212> DNA

<213> *Aspergillus nidulans*

<400> 7611

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<210> 7612

<211> 99

<212> DNA
 <213> Aspergillus nidulans

<400> 7612

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actgaagatg acgcataccg agtgacgatg cgtcgtaca 99

<210> 7613
 <211> 971
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7613

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aaatgtcaaa attactgtaa tccagatctg ttagccatct gcacccacaa gtattagaac 180

ggggaagaac atacagagtt gtgtcctcta aagaatcagc tcgagattca gggagaatgc 240

ctcctccagc attcgcttca gctccattcg cctgactgtg gaagtccagg cttcgggtgc 300

cgctttgctg ggtgtgctgc atttctcgtc gagactgcgg ctgcatgac ccaactctcg 360

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cggcaagaat caagatccac atcgccctgc cgatgcagt gcaatcgaac aggatccggc 540

ttgagagggc ctgttctttg accatgcgct tgaagatgtc aaccgactgc tcggccgctt 600

caatacactt tctgctgatt tctcgtagc accgcgcctt ggccgggtcc ttgatcgcgg 660

ccgggcccga gactgtatag aggaggaaag gccgcgtgac aaaaatcacg gagctccagt 720

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gaagtactga ggtatctcgt cgaaccaggt ccggagcgca ttcagactct aaacacctgt 840

cgattggtag acggccccgg cttgcgcagg acaacgagca gctttgccga tcttctgcgg 900

atccgacaag cgagacaaan agggatggtt tcgagggcat atttgggcag gaccatacct 960

agcggtgaca t 971

<210> 7614

<211> 459
 <212> DNA
 <213> Aspergillus nidulans

<400> 7614

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<210> 7615
 <211> 842
 <212> DNA
 <213> Aspergillus nidulans

<400> 7615

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agcagcggttc atcaaaatca ccagctgcat caccggggcca gcgctccatc agctactcgg 780
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gc 842

<210> 7616
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 7616
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<210> 7617
<211> 234
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7617
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acgagcgtga catacgacgc gaacctgctt agccgcttgg ccggcatggc tccaattacg 180
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<210> 7618
 <211> 831
 <212> DNA
 <213> Aspergillus nidulans

<400> 7618

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7619

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<210> 7620
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7620

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<210> 7621
 <211> 674
 <212> DNA
 <213> Aspergillus nidulans

<400> 7621

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<210> 7622
 <211> 551
 <212> DNA
 <213> Aspergillus nidulans

<400> 7622

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<210> 7623
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7623

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<210> 7624
 <211> 732
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7624

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 catcacagac gatcacttga agaagattaa ggctgtagac aaggtccgca aggaacaacg 480
 gcgtcagaca atcgatgggg atatcccgga atacgtgacc ttgctggcgg gaggttcaag 540
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 cctggcagca gatcttataa acggtatgcc actgccaacg cctgactgat aagcaacaac 660
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<210> 7625
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7625

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gagttctaga gtcgagggag ttagtggagg gaacggggaa aggggtttta agtgataaag  540
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<210> 7626
 <211> 558
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7626

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aaaccagacg cgatattg 558

<210> 7627
<211> 1063
<212> DNA
<213> Aspergillus nidulans

<400> 7627

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acatggattt gagtccttta gctcagttgt cttaaggcta gggggcggca agaggcacgg 180
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<210> 7628
<211> 954
<212> DNA
<213> Aspergillus nidulans

<400> 7628

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cgccactgat gcagatgcat ctcacccagt taaacaaaa agcaaataag atccaccgaa 180
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<210> 7629

<211> 584

<212> DNA

<213> *Aspergillus nidulans*

<400> 7629

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gaggacgttg aatcggcggt ccattctgcg gggagggatg aactgtcggc cgagccttct 180
gcgaaacatc aatcgttaga aaggccagaa gcgcgttgat tatacgtacc tatggtatga 240
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gcgacagctt cgtagggagt attgaggctg aactcagatc tgtcgtcagg acggagagct 360

cgagccgccca gccccaccac attggtgggg ctcaaagagt ctgtgtttcc gaccatgttg 420
 ggtctgttcg gtatttgaat ggttgtacaa tttcagaaga agacagagat gttttggtgt 480
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<210> 7630
 <211> 166
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7630

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<210> 7631
 <211> 1159
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7631

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 cgatactttg gccctgcctc gcatttcact cacctcgtct aacatcagat cgaagtctac 180
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<210> 7632
 <211> 803
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7632
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 tcataaccta gggcaagcgc tagtaccaa cagatttgag ccccggaagc taatactata 720
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<210> 7633
 <211> 191
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7633

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<210> 7634
 <211> 757
 <212> DNA
 <213> Aspergillus nidulans

<400> 7634

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 tgagatagaa ggaggatgcg tgtcgggcct actcacagtg agcttctcaa tgataccagc 660
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<210> 7635
 <211> 726
 <212> DNA

<213> Aspergillus nidulans

<400> 7635

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<210> 7636

<211> 847

<212> DNA

<213> Aspergillus nidulans

<400> 7636

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<210> 7637
<211> 519
<212> DNA
<213> Aspergillus nidulans

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<210> 7638
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 7638
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caggtgttag ggtctattga agcgtgggag tctggcacia tccccgaaa ggcttggaag 180

aacgcgaaag ataacaagtg tacctacata ttgctttgat tgctctgtgg ttggagtgac 240
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 aatcatccgt tcagcatctg tatgaccgag agaccacagt catataatga gatgcagcaa 360
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<210> 7639
 <211> 1120
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7640
 <211> 273
 <212> DNA
 <213> Aspergillus nidulans

<400> 7640

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 tgctcgtgca tctcctcatc gacctgcaag caa 273

<210> 7641
 <211> 1232
 <212> DNA
 <213> Aspergillus nidulans

<400> 7641

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 tataacgcca aatctggcaa taatcatgtc atgtgaaggc aaggcctcac ctacattcgc 180
 ccaacagggg gctttccaac agatgagtgg ctatctcgcc ctttccctta ggctctgccg 240
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 <211> 395
 <212> DNA
 <213> Aspergillus nidulans

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 ggtttcaccg cctctctca ataggaaca cgaggcattg cgccagagct cgagctaacc 180
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 tgactgacgc cgtatgaggg cagcaccgat ggatggctgc actcgagaca aggcggccga 300
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 gggcaactga cagcgccgcg acgggtaaaa ccggt 395

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 <212> DNA
 <213> Aspergillus nidulans

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 aacatcggcg aggctacatc ggcatataga ataaccgggg gtaaggaatt ggggcctaag 240
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 ccgggaacca acaaaggaca cctacagatc cccttcaaca tcctgttgcg cccgctccat 360
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 aaggtgtcca tcttcaacca ccacttgcag gaaacggtcg aatagctctt tatccgtcag 600
 gtaatcatca aaagctcctt cggctatgcg atcaagtagt gggaagtatg acgttgcggt 660
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<210> 7644
 <211> 188
 <212> DNA
 <213> Aspergillus nidulans

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 acgatcaa 188

<210> 7645
 <211> 906
 <212> DNA
 <213> Aspergillus nidulans

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 gctggatgca gggtagcggg caaggtggac agattcaggt tgcgatatg acgaatatgg 180

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<210> 7646
 <211> 1126
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 7646

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 <211> 959
 <212> DNA
 <213> *Aspergillus nidulans*

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 gcactcgtga atttatccgt cacaacatca cacagatcca tcagggtgtc aaggcctttt 180
 tctagggtct caactgcggt tgttgagtct gtctctgagt tagtctttgc catcactccg 240
 acacggtaat ttcaggggaa caaacgtaa gtctgaattc gaatgttcat ctttgactcc 300
 gaagcatgcg gaatcgtgta tccacagaat tcgacctcgg ggctgttgta aacaccatt 360
 agcacaatgc tttcccatat tgcgaccttt ccagcgtcct gagaagctcc ttaaagaagt 420
 tcaaagtaga tagaagcact ggcgcagtg gcgaggaac atacttcttc ataatcgca 480
 aacgcagcgc attccctaatt gtatgtcctt caccctcaaa ctgaaacgac gctgctgtgt 540
 ccgtggctcc gggtaactaa tttatccgca ttagaatagt cttgatacgg caccgtcgtt 600
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 ccagcattga ctggctcgttgc tctgagagt gtacggaggc aggcattctt aattatctat 780
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ggcgggtggg tgaggagtcg gaacggggat acgttttcgt gatgcagcgt caaaattggt 900
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 <212> DNA
 <213> Aspergillus nidulans

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 gtatcaacga tcacgttcag tgaccacacg aagaaaacat taaaccgtac ccgctataca 180
 taaatcccgga atctcctgga gaacc 205

<210> 7649
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans

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 ttccgtccgc gcacggcaca gaacttcgca cccacgaccc cagcatcatc aaggctcgaa 180
 gcatatacta ctcttacagc gttggcccga gcatcacaat ccaccaggct tttagcctcg 240
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<210> 7650
 <211> 670

<212> DNA
 <213> Aspergillus nidulans

<400> 7650

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cggcgccatg tgttggcggg cgtgagggtca tagactgtgg tttcaggtgt ttaatgcaga  540
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7651

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catctacgca gcaagaatga cgggcttgag aaaacagtat tgctaagtag aatataggat  180
cgctggagat aagtttagag gatagaattc atgaaaagag gtatagacag actcaacaaa  240
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gcttccagtc caccgcggac ctcgacctgt tgttttgctt cgactccagc tacaccccaa  540

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<210> 7652
<211> 761
<212> DNA
<213> Aspergillus nidulans

<400> 7652

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<210> 7653
<211> 499
<212> DNA
<213> Aspergillus nidulans

<400> 7653

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<210> 7654
<211> 913
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7655
<211> 1188
<212> DNA
<213> *Aspergillus nidulans*

<400> 7655

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<210> 7656
<211> 709

<212> DNA
<213> Aspergillus nidulans

<400> 7656

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gcttgaagga aggggtataa aaatagtcca atctttatac gcatgaagcg agccagtgc 180
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aaaaaaaaa gaaaaagaaa aaagggttaa aggagagact aagagctacg aggaaactag 360
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ccaacttga aaggcattgg ccaagggtg gcggacatca ggaatccccg cggcgagggt 660
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<210> 7657
<211> 557
<212> DNA
<213> Aspergillus nidulans

<400> 7657

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557

<210> 7658

<211> 718

<212> DNA

<213> *Aspergillus nidulans*

<400> 7658

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agcgtcatat gccttaggat tcatctagtc ctctcttccg aactagactt caggacccga 180

cgtcagaatc ttcgaagaaa gaagagtcgc ctggagatca taatgtcacc agcagcagcc 240

cgtcaaactt cagatgtgtg ggaagtggcg ccaaacaagg cccggttcca tgatcgctca 300

acggtgagca gataattgtc cgcacagata aggcaagagc aacagcgctt cgacagatat 360

ggcgaaagcc tagaatgtga tcataccccg taattgtcct gcgatgatca gcctacctta 420

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gtgtccgaac gaaccatgac gacgctacaa atcagacctg aaatggtgat ggaggagaca 600

ccaacagttc ccgggcaaca aatgctcttg agtctacgcg aatctcagac gcacagtgca 660

tccctgctcc tggaacaact caaatgggtc tgcttccgaa tgccttatct ccatttgt 718

<210> 7659

<211> 544

<212> DNA

<213> *Aspergillus nidulans*

<400> 7659

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<210> 7660
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 <213> Aspergillus nidulans
 <400> 7660

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<210> 7661
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<213> *Aspergillus nidulans*

<400> 7661

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<210> 7662
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<212> DNA
 <213> Aspergillus nidulans
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<210> 7663
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<212> DNA
 <213> Aspergillus nidulans

<400> 7663

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 <213> Aspergillus nidulans

<400> 7664

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<210> 7666
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<212> DNA
<213> Aspergillus nidulans

<400> 7666

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<210> 7667
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 7667

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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 7672

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<212> DNA

<213> *Aspergillus nidulans*

<400> 7673

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<213> Aspergillus nidulans

<400> 7674

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<210> 7675
<211> 410
<212> DNA
<213> Aspergillus nidulans

<400> 7675

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<210> 7676
 <211> 973
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7676

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<210> 7677
 <211> 844
 <212> DNA
 <213> Aspergillus nidulans

<400> 7677

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<210> 7678

<211> 109

<212> DNA

<213> Aspergillus nidulans

<400> 7678

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<210> 7679

<211> 1123

<212> DNA

<213> Aspergillus nidulans

<400> 7679

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<210> 7680
 <211> 110
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7681
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7681

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aacatctgcc tccatagagt atcttcattc cagatacaag actcaggagg gactcggagg 180
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<210> 7682

<211> 487

<212> DNA

<213> *Aspergillus nidulans*

<400> 7682

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ggctcgggtg cggtcagata tcaggtcagg gcaggtaatg gggggatgga attggagggt 180
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487

<210> 7683
<211> 1377
<212> DNA
<213> Aspergillus nidulans

<400> 7683

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<210> 7684

<211> 1497

<212> DNA

<213> *Aspergillus nidulans*

<400> 7684

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7685

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<210> 7686
 <211> 1222
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7686

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<210> 7687
 <211> 419
 <212> DNA
 <213> Aspergillus nidulans

<400> 7687

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<210> 7688
<211> 764
<212> DNA
<213> Aspergillus nidulans

<400> 7688

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<210> 7689
<211> 1276
<212> DNA
<213> Aspergillus nidulans

<400> 7689

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 aagaacaatg tattccgtgc agtctgtctg cttgacggcg ttctcggccg agacagcaac 360
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<210> 7690
 <211> 1127
 <212> DNA
 <213> Aspergillus nidulans

<400> 7690
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<210> 7691
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7691

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<210> 7692
<211> 1989
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7693
<211> 483
<212> DNA
<213> Aspergillus nidulans

<400> 7693

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<210> 7694
 <211> 920
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7694

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<210> 7695
 <211> 512
 <212> DNA
 <213> Aspergillus nidulans

<400> 7695

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 agattacgag cgctgcattt tggatgactt gcttcctggg ccgaagtgct aatgaggtcc 180
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 gatcagcata tgtaaattgt tcaaactaac ag 512

<210> 7696
 <211> 1350
 <212> DNA
 <213> Aspergillus nidulans

<400> 7696

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<210> 7697
 <211> 99
 <212> DNA
 <213> Aspergillus nidulans

<400> 7697
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 tgcggcagga ggattggcgc cgacatctct tttgtcgat 99

<210> 7698
 <211> 519
 <212> DNA
 <213> Aspergillus nidulans

<400> 7698
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<210> 7699
<211> 158
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7699

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attngagact attcctggac gtaagatata gagataaa 158

<210> 7700
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<212> DNA
<213> Aspergillus nidulans

<400> 7700

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<210> 7701
<211> 1590
<212> DNA
<213> Aspergillus nidulans

<400> 7701

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<210> 7702
 <211> 1471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7702

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 ggcggtgatt attttctcgt atacctctac caagactacg tgctccgtct tttctatatc 240
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<211> 824
<212> DNA
<213> Aspergillus nidulans
<400> 7703

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<210> 7704
<211> 516
<212> DNA
<213> *Aspergillus nidulans*

<400> 7704
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 7706
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7706

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<210> 7707
 <211> 540
 <212> DNA
 <213> Aspergillus nidulans

<400> 7707

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<210> 7708
 <211> 874
 <212> DNA
 <213> Aspergillus nidulans

<400> 7708

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7709

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
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 <400> 7711

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 <212> DNA
 <213> Aspergillus nidulans
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<210> 7714
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7715
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7715
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<210> 7716
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7716

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 <211> 183
 <212> DNA
 <213> Aspergillus nidulans

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 ccg 183

<210> 7718
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans

<400> 7718
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<210> 7719
 <211> 557
 <212> DNA
 <213> Aspergillus nidulans

<400> 7719

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<210> 7720

<211> 220

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7720

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<210> 7721

<211> 834

<212> DNA

<213> *Aspergillus nidulans*

<400> 7721

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<210> 7722
 <211> 217
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7723
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7723
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<210> 7724
 <211> 699
 <212> DNA
 <213> Aspergillus nidulans

<400> 7724

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<210> 7725
 <211> 718
 <212> DNA
 <213> Aspergillus nidulans

<400> 7725

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<210> 7726
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<213> *Aspergillus nidulans*

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<210> 7727
 <211> 1428
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7727

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<210> 7728
 <211> 567
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7729
 <211> 1262
 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7730

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7732
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7732

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<210> 7733
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7733

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<210> 7734
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<212> DNA
<213> Aspergillus nidulans

<400> 7734

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<210> 7735
<211> 565
<212> DNA
<213> Aspergillus nidulans

<400> 7735

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<210> 7736
<211> 814
<212> DNA
<213> Aspergillus nidulans

<400> 7736

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<210> 7737
<211> 1253
<212> DNA
<213> Aspergillus nidulans

<400> 7737

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<211> 471

<212> DNA

<213> Aspergillus nidulans

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<400> 7740

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<211> 541

<212> DNA

<213> Aspergillus nidulans

<400> 7741

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 <213> Aspergillus nidulans

<400> 7742

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7743

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<213> Aspergillus nidulans
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7745

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<400> 7750

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7752
 <211> 1446
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7752

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<210> 7753
 <211> 921
 <212> DNA
 <213> Aspergillus nidulans

<400> 7753

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<210> 7754

<211> 131

<212> DNA

<213> Aspergillus nidulans

<400> 7754

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<210> 7755

<211> 676

<212> DNA

<213> Aspergillus nidulans

<400> 7755

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<210> 7756

<211> 679

<212> DNA

<213> *Aspergillus nidulans*

<400> 7756

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<210> 7757
 <211> 633
 <212> DNA
 <213> Aspergillus nidulans

<400> 7757

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<210> 7758
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7758

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<210> 7759
 <211> 1138
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7760
<211> 813
<212> DNA
<213> Aspergillus nidulans

<400> 7760

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<211> 1190
<212> DNA
<213> Aspergillus nidulans

<400> 7761

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7763
<211> 1266
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7763

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<210> 7764
 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

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 <211> 469
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7766

<211> 977

<212> DNA

<213> *Aspergillus nidulans*

<400> 7766

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<223> unsure at all n locations
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<213> Aspergillus nidulans

<223> unsure at all n locations
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<211> 667
<212> DNA
<213> Aspergillus nidulans

<400> 7771

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7774

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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans
<400> 7776

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 <213> *Aspergillus nidulans*
 <400> 7777

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 <212> DNA
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<400> 7779

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<211> 625

<212> DNA

<213> *Aspergillus nidulans*

<400> 7780

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<211> 512

<212> DNA

<213> Aspergillus nidulans

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<210> 7782

<211> 510

<212> DNA

<213> Aspergillus nidulans

<400> 7782

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<210> 7783

<211> 542

<212> DNA

<213> Aspergillus nidulans

<400> 7783

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<210> 7784

<211> 1074

<212> DNA

<213> *Aspergillus nidulans*

<400> 7784

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<210> 7785
<211> 383
<212> DNA
<213> Aspergillus nidulans

<400> 7785

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<211> 766
<212> DNA
<213> Aspergillus nidulans

<400> 7786

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<210> 7787
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<213> Aspergillus nidulans
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<210> 7788
<211> 566
<212> DNA
<213> Aspergillus nidulans
<400> 7788

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7789

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<210> 7790
 <211> 702
 <212> DNA
 <213> Aspergillus nidulans

<400> 7790

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<210> 7791
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7791

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<210> 7792
 <211> 755
 <212> DNA
 <213> Aspergillus nidulans

<400> 7792

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<210> 7793
<211> 528
<212> DNA
<213> Aspergillus nidulans

<400> 7793

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<210> 7794
<211> 591
<212> DNA
<213> Aspergillus nidulans

<400> 7794

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<212> DNA
<213> Aspergillus nidulans

<400> 7795

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<210> 7796
<211> 416
<212> DNA
<213> Aspergillus nidulans

<400> 7796

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<210> 7797
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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<210> 7800
 <211> 926
 <212> DNA
 <213> Aspergillus nidulans

<400> 7800

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 <213> Aspergillus nidulans

<400> 7801

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 <213> *Aspergillus nidulans*

<400> 7802

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<400> 7803

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<400> 7804

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<212> DNA
<213> Aspergillus nidulans

<400> 7805

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 <213> *Aspergillus nidulans*

<400> 7806

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 <213> *Aspergillus nidulans*
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7808

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 <213> *Aspergillus nidulans*

<400> 7809

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7810

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<210> 7811
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7812
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7814
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7814

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<210> 7815
<211> 164
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7815

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tttagcagag ntnatcaagc cggatatttat gttacctact cttt 164

<210> 7816
<211> 598
<212> DNA
<213> *Aspergillus nidulans*

<400> 7816

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tgaagacaga ctattccacg tctatcaaca aagatgatga tcggaggagg ctcatggagg 180
tgtcgacaga gtcctgcaa tacgtcttcc agcaggaccg aagcctcgaa gtataccgaa 240
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caaccggccc cggaacctca gctacaagcc ctcttacctt ggggccccct gactacgacg 360
gttatcttgc ttgcctata tctctatcgc ttctcgatgt gcctgacatg gattacttcc 420
ctggagctga tatgagcgcg aatgtcatgg atggttttcc tgatcctccg tcattcttcc 480
catctggaga accgatacca acgtccaag agaatatctt gaagaccagt ttcgaggatt 540
ctcccggtcc ggcaaattcg ctttagttcc ttctacacca gatgtaacag tgttggga 598

<210> 7817
<211> 924
<212> DNA
<213> *Aspergillus nidulans*

<400> 7817

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ttgtagtgtt ttgtcaacc tctttccata attagtggta aattgtagtc tttctgtaac 180
atgttgctgt ccatgcacgt ttctgctgga aattaggtct ttgaacttgc catactaacc 240
ttgtcgacgt ttacgccgat gtcgttaaaa gctgtcattt gaggaagtct tgtccgtcta 300

cactgcatac gtcgcttcca aatctggggc tcttcgcgca actgcatcga ccgcaaggaa 360
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<210> 7818
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7818

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 agtcnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
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<210> 7819
 <211> 1018
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7819

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 cgtagttgag ccgcttaatg ccgggacctg cttacgccga ctggtatatc tgggtcaatcc 180

tgcagctcag ccgatagtta gggctagatt acatcacttc ctagtgatcc gactgcgtgg 240
 aaccgatcga aagctacaac aaagcccagt caggctcgcg ctgaccaga atggatcatc 300
 gataaatata ggctgactca aatcagggtt cggcggtcat aaggccgtct atcaccaatg 360
 tccatttctg gacgagtgtg tgtagacggc taccgctgga gttcctggag gccttcagga 420
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 cagcgaaaga caaagccgta acctcgtgga agtcacccgt ctgggtgcgg aaattcagaa 660
 gttgcgtcga cataccacac atctattgcc ctagtgtgag acttctgaga tggacacaag 720
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 cctcggcctt cttgtgctct tcgtcttcac ctttcagta tatcttaaga aaatgggtcaa 960
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<210> 7820
 <211> 899
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7820
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 cactgtcgt cgcacagtt gtaaattatt ggtaccaac acagtacacg tacatcggcc 180
 caattgcagt gatctcactg tgccctcttg caccggctat accatacatg ccaagtgcc 240
 acacgaatgc ttccacactc ttggagggga ttgaacgaga cacgtgcggc tagtccacat 300
 tcttggaata tcttctcgtt tggcattgga accattccct tgccgtatat gagttttccg 360
 atgactggca ggcggaaaaa tcggattccc caaagaaaaa ccgaaaacct tggggtaa 420
 cattttaggc tcatggcccc aaagaattgc tccaaccaa aaacagagcc ctggattccg 480
 ggatatacct atgttttgcc cgctgtata gcattactat gggccccctc acgccagagg 540

tgcgaaaccc tcattactct atgaaccccc ccgtttcccc ctgagtttct taaggccatt 600
 cttggagaca ctctcccttg ccggattctt ccgaatttta cagcagaaac cagcgcgatt 660
 aaaattgccc ccgacgactc ccacaggtag atttcaaacc ccttggtttt tttcactccc 720
 taaaacgccg gggcctttct ttttttatg gattccgcag gacaattagg ccctaaaagg 780
 ttgggcaatt tttatggttt acggcaccct tatggaaccc tctcttacia aattatagt 840
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<210> 7821
 <211> 471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7821

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 taccgtccgc cgatataggt gactgcaaca ctgctttctc gaaactgtct ccattccatc 180
 cactctcaat actctcgcta tttaatctgt cattctgccc gcaactgctc acgtaggcct 240
 gcggtgtccc ctacagatac attcaagaaa ctgtacttag gtatattatt cccgtgggtt 300
 atttaccgtt cattctatcg gcaagctttt gctcgcttca ggataccctt ggtatagtcc 360
 aattcatgga acattaagtg ccttaccacg cggttctgtc catttaatta ttctggctcg 420
 tctggatttg cttatatttc cccaactgat ctgaaaggag cggagtaagt a 471

<210> 7822
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7822

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 tcaaaaaaga caagttgccg taaaaaagaa atctacctag tatgctacct agtctatcta 120
 acgcaaccca gatatacaaa tcatcatcat aaagctggct attacgtgtc tctcactccg 180
 agcctgaacc tagcgagtat caggccaagc ccagaaccaa ggcctatagt ccagttccac 240
 ctcttccata tatcatatgt aaattttcca gcatgagtta catataatag atgattccag 300

tccagctgcc tgttgctgct gctaccgctc ctccttgaat ccagaccaga ccgcaatgcc 360
 attaataaat agatgggaaa tactcgcggg atcgcaagaa agaggaaaca gaaaaaaaaa 420
 agaaaagaaa agacaaaaaa gaaaagaaac taagcaatag ataaaacaga tgatatttta 480
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<210> 7823
 <211> 1048
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7823

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 ttctggaact tgatcatatc gctctttgag acgtcccacg cgtggtagcc tccaccgtaa 180
 ttgccaaactg tttgtttctta gcaatctctc tcgagaaggg agagtctggg agcaaatacg 240
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 attccacgga aactacgac cggagcgtat taccatcca aaaatcgtgg tatcttccaa 360
 caatgacagt cagctttact ataacagaaa ctagaatatt ggcaatgttg aactcacagt 420
 cctcaaactc caaggccttc cgcagccgta ccttgacgag gaagcgcaga gccacaatga 480
 ctgacgtgac gacaaggcaa atgacctgcg tcgcaagggt gaccgtatga atgacatcct 540
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 ccttgtggtg aactcagctt ccagaacctg gacattcaga caaagcccgt aagcctgacg 660
 gcaagaaggg agcgatcgat cagggaatga ggcgctggcc cagcgggtat gaatctacgt 720
 gcctagacag gacaaagcga gaatggtaaa acccagccaa gttagaaagg atgaaggaac 780
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 atgaatcgat cgacatccgc tgctgagccc agggagcgat gctgcgatag ccggggaatc 960
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 taagtggctc atttcgagga gcatgcga 1048

<210> 7824

<211> 607
 <212> DNA
 <213> Aspergillus nidulans

<400> 7824

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 gaagaagtgc aaaacgaagg gaaagaccgc agaattgtga cggtcggttca gagctgtaac 180
 aaaacacggt gagggtttgg aatggggacg cgggttgtac aacaagggcg gcggtgaaag 240
 gaatggagcg gctgaagatc ctgcagcctt aagaatgaaa caggacggcg ttgatgaagt 300
 tcgaagactg gtgaatgctc ggagggacag atcgatctcg atgggtggctg attcggactc 360
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 gcagctcaac aagattggta ctctactctg tagtatctgc cctgtatgag gtggagaaga 540
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<210> 7825
 <211> 881
 <212> DNA
 <213> Aspergillus nidulans

<400> 7825

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 cgctcgaaac ataaagagag aaactcgcca tgccaaacgc gtacggtgcg tcaccatccg 180
 tgcaggtcgg gcagttgacg ctttacaaca tgggaaccta gattgaccag tgccataact 240
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 cactggcagg acacacgtgg atccaggaca ttggtccgaa gtggtggtcg gcctattaaa 360
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 gcaatacggc ggtcctaata gctgggaccc tttaaagggg cggggagggg gcggattatc 480
 aaaaggtacc gccccgtcca gggatgtaaa aaatggggct acacctgtgg ggggaaaccc 540

tcctgagtat aagaaacaga cgttttcccg aagggaaatg tgcctttttt ttaaacagcc 600
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 ggggtggggcg ttccaatggg gggggaaaac acctttttta ccgggctttt tttttttttt 720
 gtccccgcga ctaaataaat ttgcccttaa aaaaaaaagg ggggggcacc attgaggcat 780
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 ttccaacaa taaaaaata tttttggggg taaccgtct a 881

<210> 7826
 <211> 599
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7826

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<210> 7827
 <211> 1622
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7827

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 aggacttttc aagattgggt cttccagcgg acttgaggtt cacccttgag catcaacaag 180

gcacgcaagt ttggctggac tggccacctg gactcatttg attcctttgt ggacgctttc 240
aaaagattca aggaacttgg acagattccc tgaagtactc agaggagtaa gcttgtaact 300
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cgggtgtgtcc tttatcacag tttctaggcc ttagaacaca cttcccggta agctcgagtc 480
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<210> 7828
<211> 1043
<212> DNA

<213> Aspergillus nidulans

<400> 7828

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gatctttcca tcgcgtgtgc gttatacttt gcagcgcgcg gccaaaggcac agcaattgac 180
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ccaccgatgg agagtgaac cgctgccgc aaggcagaaa gctggttact ttcgtcgaaa 900
caggggaagg ggttcgaaat ggtgagaatc gcgtcggagc ggagatattg ggactcggag 960
atataaggag atttacggtt ctatgaggtg catcgaaaaa ggcaagtctg agctgttctt 1020
gacattgcaa acttcaacat aga 1043

<210> 7829

<211> 1238

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7829

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cccgaagccc tctggtttcg tgaccgccag ccgcccttac cctacgcact ggcgcgcgcg 180

taacctttga acgctagggc tcagccaaca ggagtagtct ggattacgta ttcaggggaat 240
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 gctttgacct atgcttttct ctatttctct gtacgtatgt taagctgaaa agcaaccatt 420
 cacgcatgac gaccgccaac ttacacctgt catttgaaac acatacaagc agtaaacata 480
 aagtccgtag cacacattcc agtactgtat cgtttactat ttcgagtgat atatctaaga 540
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 gtaactcagc ataagcgatt gtgtcttaca tcaggggtat cacggcatat cataaacaac 660
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 aataccttcc cgcacaattc tttctttcat tctctccac tcgagccacg tcatgccctg 780
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<210> 7830
 <211> 640
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7830
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 actcaagtgt catccgggga atcaagtggg tggacgtggg ggaattagtgt tagtagtaac 180
 tctacaaaaa cggaattacg aactgacaat tttcgagtag cttggggcct tgagtaagtc 240
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gttttgccac tcaactctccg cctcatcacc acgaccgact acctgccgta ctctcatatg 360
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aatttcgacc tgctggagcg gccccgcagc ctatatttct tcaccttcag ccgttggtcg 540
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taagagctgc ttccgtgggt ctacctgtga acgctgagag 640

<210> 7831
<211> 277
<212> DNA
<213> Aspergillus nidulans

<400> 7831
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<210> 7832
<211> 764
<212> DNA
<213> Aspergillus nidulans

<400> 7832
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7833

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<210> 7834
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7834

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<210> 7835
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 <213> *Aspergillus nidulans*

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 <212> DNA
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7837

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<210> 7838
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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7838

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<210> 7839
 <211> 421
 <212> DNA
 <213> Aspergillus nidulans

<400> 7839

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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7840

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 <213> Aspergillus nidulans
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 <212> DNA
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 <212> DNA
 <213> Aspergillus nidulans
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 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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<400> 7846

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<213> Aspergillus nidulans

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<400> 7848

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<400> 7849

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 7853

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 <213> *Aspergillus nidulans*

<400> 7854

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 <213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans
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<212> DNA
<213> Aspergillus nidulans

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<400> 7861

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<212> DNA
 <213> Aspergillus nidulans

<400> 7862

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 <213> Aspergillus nidulans

<400> 7863

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<211> 482
<212> DNA
<213> *Aspergillus nidulans*

<400> 7864

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7865

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<210> 7866
<211> 832
<212> DNA
<213> Aspergillus nidulans

<400> 7866

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7867

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<213> Aspergillus nidulans
<400> 7868

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<210> 7869
<211> 280
<212> DNA
<213> Aspergillus nidulans
<400> 7869

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<210> 7870
<211> 745
<212> DNA

<213> Aspergillus nidulans

<400> 7870

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<210> 7871

<211> 1140

<212> DNA

<213> Aspergillus nidulans

<400> 7871

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 <211> 154
 <212> DNA
 <213> Aspergillus nidulans

<400> 7873

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<210> 7874
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<400> 7874

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 <211> 910
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 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> Aspergillus nidulans

<400> 7877

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<210> 7878
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 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 7878

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<210> 7879
 <211> 645
 <212> DNA
 <213> Aspergillus nidulans

 <400> 7879

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<210> 7880
 <211> 542
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7881
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 <212> DNA
 <213> Aspergillus nidulans

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cccggcctac ccaaaatgcc ggtaccacca gtccttcttc catgaccccc caaaccggtg 180
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<210> 7882
 <211> 493
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7882
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<210> 7883
 <211> 600
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7883

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<210> 7884

<211> 1337

<212> DNA

<213> Aspergillus nidulans

<400> 7884

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<210> 7885
<211> 843
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7885

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<210> 7886
<211> 1145
<212> DNA
<213> *Aspergillus nidulans*

<400> 7886

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<210> 7887
 <211> 1030
 <212> DNA
 <213> Aspergillus nidulans

<400> 7887

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<210> 7888
 <211> 160
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7888

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<210> 7889
 <211> 897
 <212> DNA
 <213> Aspergillus nidulans

<400> 7889

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<210> 7890
 <211> 485
 <212> DNA
 <213> Aspergillus nidulans

<400> 7890

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<210> 7891
<211> 136
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7891

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<210> 7892
<211> 333
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7892

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<210> 7893

<211> 582
 <212> DNA
 <213> Aspergillus nidulans

<400> 7893

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<210> 7894
 <211> 1119
 <212> DNA
 <213> Aspergillus nidulans

<400> 7894

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<210> 7895
<211> 1155
<212> DNA
<213> Aspergillus nidulans

<400> 7895

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7896

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<210> 7897
 <211> 1510
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 7899
 <211> 677
 <212> DNA
 <213> Aspergillus nidulans

<400> 7899

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<210> 7900
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7900

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<212> DNA
<213> Aspergillus nidulans
<400> 7901

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<211> 153
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7902

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ggtgggaaga ctttttgcga ggagagctgc gga 153

<210> 7903
<211> 189
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7903

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gatcccatcc gactctcagt agctgggtgg tgttacattn ngctangggg ttctagggag 180
tgggtttga 189

<210> 7904
<211> 830
<212> DNA
<213> Aspergillus nidulans
<400> 7904

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<210> 7905
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7906
 <211> 420
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7906

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7908
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7908

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<210> 7909

<211> 863

<212> DNA

<213> *Aspergillus nidulans*

<400> 7909

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<210> 7910

<211> 685

<212> DNA

<213> *Aspergillus nidulans*

<400> 7910

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<210> 7911
<211> 599
<212> DNA
<213> Aspergillus nidulans
<400> 7911

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<210> 7912

<211> 1012
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7912

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<210> 7913
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
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 <223> unsure at all n locations
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7917
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7918
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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7919

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 <212> DNA
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<400> 7920

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7921

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 <400> 7922

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<210> 7924
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7924

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 <211> 1527
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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